

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: JOHN D. RUSSELL and BRIAN D. RUTKOWSKI

Serial No: 10/798,759

Group Art Unit: 3747

Filed: March 11, 2005

Examiner: John Kwon

Title: SPEED CONTROL METHOD

| | | |
|---|---|---|
| <input checked="" type="checkbox"/> CERTIFICATE OF MAILING OR TRANSMISSION (37 C.F.R. §1.8(a)). I hereby certify that this correspondence is, on the date shown below, being: | | |
| MAILING <input checked="" type="checkbox"/> addressed to "Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313" and deposited with the United States Postal Service with sufficient postage as first class mail; or | FACSIMILE <input type="checkbox"/> Transmitted by facsimile to the Patent and Trademark Office at Fax No: _____ | |
| <u>5+</u> Total No. Pages | <u>2-2-05</u> Date | <u>L Barberena</u> Signature, Lauren Barberena |

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.56, 1.97, 1.98**

Sir:

In compliance with the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97, and 1.98, the following patents, publications, applications, and/or other information are being submitted and disclosed to the Office, including those listed on the enclosed Form PTO-1449, for consideration by the Examiner.

Applicants respectfully request that the disclosed information be made of record and expressly considered by the Examiner during examination of the pending application. Further, Applicants respectfully request that the disclosed items be listed on the face of any patent issuing from the pending application in the "references cited" column.

In accordance with 37 C.F.R. § 1.97 (g), the present information disclosure statement is not a representation that a search has been made.

In accordance with 37 C.F.R. § 1.97 (h), the present information disclosure statement is not an admission that the information cited in the statement is, or is considered to be, material to patentability.

In accordance with MPEP § 609, Applicants respectfully request that if the present application is a continuing application, all information considered by the Office in the parent application be

considered in the present application, although it need not be listed on the face of the patent unless resubmitted in this or another information disclosure statement filed in this application.

Finally, the present information disclosure statement is not an admission that the information cited in the statement is, or is considered to be, prior art.

BASIS FOR CONSIDERATION BY THE OFFICE UNDER 37 C.F.R. § 1.97

☒ **37 C.F.R. § 1.97(b)**

The present information disclosure statement is being filed, to the best of Applicants' knowledge and belief:

- (1) within three months of the filing date of a national application other than a continued prosecution application under 37 C.F.R. § 1.53(d); or
- (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application; or
- (3) before the mailing of a first Office action on the merits; or
- (4) before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114.

☐ **37 C.F.R. § 1.97(c)**

The present information disclosure statement is being filed, to the best of Applicants' knowledge and belief, before the mailing of any of: a final action under 37 C.F.R. § 1.113, a notice of allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution in the application.

☐ Applicants certify that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

☐ Applicants certify that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 1.56(c) more than three months prior to the filing of the information disclosure statement.

OR

☐ A check in the amount of _____ is enclosed.

☐ Please charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account _____.

☐ **37 C.F.R. § 1.97(d)**

The present information disclosure statement is being filed, to the best of Applicants' knowledge and belief, on or before payment of the issue fee.

☐ Applicants certify that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

☐ Applicants certify that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 1.56(c) more than three months prior to the filing of the information disclosure statement.

AND

- ☐ A check in the amount of _____ is enclosed.
☐ Please charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account _____.

CONTENT OF INFORMATION DISCLOSURE STATEMENT 37 C.F.R. § 1.98

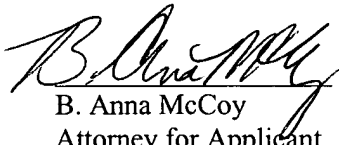
The present information disclosure statement includes any information noted above, along with a Form PTO-1449 (2 pages).

If applicable, a legible copy of the following is being included:

- (1) Each U.S. patent (identified by inventor, patent number, and issue date).¹
- (2) Each U.S. patent application publication (identified by inventor, publication number, and publication date).¹
- (3) Each U.S. patent application (identified by inventor, application number, and filing date).²
- (4) Each foreign patent or published foreign patent application, along with an English language abstract for all non-English foreign patent documents (identified by country or patent office, an appropriate document number, and the publication date).
- (5) Each publication (identified by published, author (if any), title, relevant pages of the publication, date, and place of publication).

If there are any questions regarding this submission, please contact the undersigned.

Respectfully Submitted,



B. Anna McCoy
Attorney for Applicant
Registration No. 46,077
Alleman Hall McCoy Russell & Tuttle LLP
806 SW Broadway, Suite 600
Portland, OR 97205
Ph. 503-459-4141
Fx. 503-459-4142
2/2/2005

¹ No copies are included for applications filed after June 30, 2003 as provided for by the U.S. PTO Waiver dated July 11, 2003.

² No copies are included for U.S. patent applications stored in the USPTO's IFW system as provided for by the U.S. PTO Waiver dated September 21, 2004.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

| | |
|------------------------|-----------------|
| Application Number | 10/798,759 |
| Filing Date | March 11, 2004 |
| First Named Inventor | John D. Russell |
| Art Unit | 3747 |
| Examiner Name | John Kwon |
| Attorney Docket Number | 81099584 |

| | | | |
|-------|---|----|---|
| Sheet | 1 | of | 2 |
|-------|---|----|---|

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|---|---------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ *Number ⁴ *Kind Code ⁵ (if known) | MM-DD-YYYY | | | |
| | | DE 196 20 883 | 11-27-1997 | | | |
| | | DE 38 15 067 | 09-21-1989 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|---|----|---|--------------------------|-----------------|
| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Complete if Known | |
| | | | | Application Number | 10/798,759 |
| | | | | Filing Date | March 11, 2004 |
| | | | | First Named Inventor | John D. Russell |
| | | | | Art Unit | 3747 |
| | | | | Examiner Name | John Kwon |
| Sheet | 2 | of | 2 | Attorney Docket Number | 81099584 |

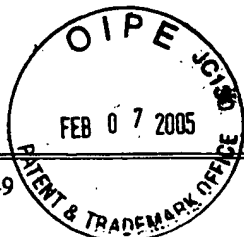
| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|--------------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | KLUTING, FLIERL, GRUDNO and LUTTERMANN; MTZ Magazine, August 1999, "Drosselfreie Laststeuerung miy vollvariablen Ventiltrieben" | ✓ |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

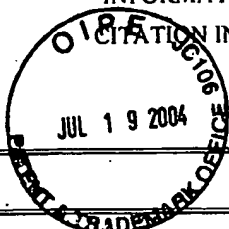
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

SHEET 1 OF 6

| | | | | | | |
|--|--------------------|--|--------------------------------------|----------------------------------|--------------|-------------------------|
| FORM PTO-1449 | | DOCKET NUMBER FGT 3G6DIV2 | | APPLICATION NUMBER 10/798,759 | | |
| INFORMATION DISCLOSURE CITATION IN AN APPLICATION | | APPLICANT(S) John D. Russell and Brian D. Rutkowski | | | | |
| | | FILING DATE March 11, 2004 | | GROUP ART UNIT | | |
| U.S. PATENT DOCUMENTS | | | | | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FIL. DATE IF APPROP. |
| <i>OK</i> | 3,548,798 | 12-22-70 | Fleischer | | | |
| | 4,084,568 | 4-18-78 | Sato et al | | | |
| | 4,494,506 | 1-22-85 | Hayama et al | | | |
| | 4,592,315 | 6-3-86 | Kobayashi et al | | | |
| | 4,651,684 | 3-24-87 | Masuda et al | | | |
| | 4,700,684 | 10-20-87 | Pischinger et al | | | |
| | 4,856,465 | 8-15-89 | Denz et al | | | |
| | 5,019,989 | 5-28-91 | Ueda et al | | | |
| | 5,022,357 | 6-11-91 | Kawamura | | | |
| | 5,101,786 | 4-7-92 | Kamio et al | | | |
| <i>OK</i> | 5,115,782 | 5-26-92 | Klinke et al | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | |
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION YES NO |
| <i>OK</i> | 59194058 | 11-2-84 | JP | | | Abstract only |
| | 60240828 | 11-29-85 | JP | | | Abstract only |
| | 62101825 | 5-12-87 | JP | | | Abstract only |
| | 63032122 | 2-10-88 | JP | | | Abstract only |
| | 1100316 | 4-18-89 | JP | | | Abstract only |
| <i>OK</i> | 3916605 | 11-30-89 | DE | | | Abstract only |
| OTHER DOCUMENTS | | | | | | |
| | | | | | | |
| EXAMINER <i>Kwon</i> | | | DATE CONSIDERED <i>10/29/2004</i> | | | |



| | | | | | | |
|---|--------------------|--|----------------------------------|-------|--------------|-------------------------|
| FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION | | DOCKET NUMBER FGT 3G6DIV2 | APPLICATION NUMBER 10/798,759 | | | |
| | | APPLICANT(S) John D. Russell and Brian D. Rutkowski | | | | |
| | | FILING DATE March 11, 2004 | GROUP ART UNIT | | | |
| U.S. PATENT DOCUMENTS | | | | | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FIL. DATE IF APPROP. |
| | 5,152,267 | 10-6-92 | Komatsu et al | | | |
| | 5,168,851 | 12-8-92 | Itoyama et al | | | |
| | 5,170,759 | 12-15-92 | Ito | | | |
| | 5,199,403 | 4-6-93 | Akazaki et al | | | |
| | 5,357,932 | 10-25-94 | Clinton et al | | | |
| | 5,365,908 | 11-22-94 | Takii et al | | | |
| | 5,396,874 | 3-14-95 | Hitomi et al | | | |
| | 5,414,994 | 5-16-95 | Cullen et al | | | |
| | 5,517,955 | 5-21-96 | Yoshioka | | | |
| | 5,548,995 | 8-27-96 | Clinton et al | | | |
| | 5,606,960 | 3-4-97 | Takahashi et al | | | |
| | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | |
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION YES NO |
| | 0376703 | 7-4-90 | EP | | | |
| | 2176115 | 7-9-90 | JP | | | Abstract only |
| | 3009021 | 1-16-91 | JP | | | Abstract only |
| | 0440314 | 8-7-91 | EP | | | |
| | 4143410 | 5-18-92 | JP | | | Abstract only |
| OTHER DOCUMENTS | | | | | | |
| | | | | | | |
| EXAMINER KWon | | | DATE CONSIDERED 10/29/2004 | | | |

| FORM PTO-1449 | | DOCKET NUMBER FGT 3G6DIV2 | | APPLICATION NUMBER 10/798,759 | | | |
|--|--------------------|--|-------------------------------|----------------------------------|--------------|-------------------------|--|
| INFORMATION DISCLOSURE CITATION IN AN APPLICATION | | APPLICANT(S) John D. Russell and Brian D. Rutkowski | | | | | |
| | | FILING DATE March 11, 2004 | | GROUP ART UNIT | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FIL. DATE IF APPROP. | |
| OK | 5,628,290 | 5-13-97 | Iida et al | | | | |
| | 5,635,634 | 6-3-97 | Reuschenbach et al | | | | |
| | 5,654,501 | 8-5-97 | Grizzle et al | | | | |
| | 5,666,916 | 9-16-97 | Fujieda et al | | | | |
| | 5,676,112 | 10-14-97 | Bauer et al | | | | |
| | 5,690,071 | 11-25-97 | Jankovic | | | | |
| | 5,692,471 | 12-2-97 | Zhang | | | | |
| | 5,712,786 | 1-27-98 | Ueda | | | | |
| | 5,724,927 | 3-10-98 | Suzuki | | | | |
| | 5,740,045 | 4-14-98 | Livshiz et al | | | | |
| OK | 5,746,176 | 5-5-98 | Damson et al | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION YES NO | |
| OK | 4148023 | 5-21-92 | JP | | | Abstract only | |
| | 5086913 | 4-16-93 | JP | | | Abstract only | |
| | 0560476 | 9-15-93 | EP | | | | |
| | 4209684 | 9-30-93 | DE | | | Abstract only | |
| | 4321413 | 1-5-95 | DE | | | Abstract only | |
| | 9125994 | 5-13-97 | JP | | | Abstract only | |
| | 9256880 | 9-30-97 | JP | | | Abstract only | |
| OK | 9303165 | 11-25-97 | JP | | | Abstract only | |
| OTHER DOCUMENTS | | | | | | | |
| | | | | | | | |
| EXAMINER KWM | | | DATE CONSIDERED 10/29/2004 | | | | |

| FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION | | DOCKET NUMBER FGT 3G6DIV2 | | APPLICATION NUMBER 10/798,759 | | |
|---|--------------------|--|--|----------------------------------|--------------|-------------------------|
| | | APPLICANT(S) John D. Russell and Brian D. Rutkowski | | | | |
| | | FILING DATE March 11, 2004 | | GROUP ART UNIT | | |
| U.S. PATENT DOCUMENTS | | | | | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FIL. DATE IF APPROP. |
| OK | 5,755,202 | 5-26-98 | Stefanopoulou et al | 1 | 1 | |
| | 5,758,493 | 6-2-98 | Asik et al | | | |
| | 5,765,527 | 6-16-98 | Lehner et al | | | |
| | 5,791,306 | 8-11-98 | Williamson | | | |
| | 5,803,043 | 9-8-98 | Bayron et al | | | |
| | 5,848,529 | 12-15-98 | Katoh et al | | | |
| | 5,857,437 | 1-12-99 | Yoshioka | | | |
| | 5,896,840 | 4-27-99 | Takahashi | | | |
| | 5,913,298 | 6-22-99 | Yoshikawa | | | |
| | 5,950,603 | 9-14-99 | Cook et al | | | |
| OK | 5,957,096 | 9-28-99 | Clarke et al | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | |
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION YES NO |
| OK | 9324672 | 12-16-97 | JP | | | Abstract only |
| | 2315571 | 2-4-98 | GB | | | |
| | 10037772 | 2-10-98 | JP | | | Abstract only |
| | 0831218 | 3-25-98 | EP | | | |
| | 10220256 | 8-18-98 | JP | | | Abstract only |
| | 10288055 | 10-27-98 | JP | | | Abstract only |
| OK | 10288056 | 10-27-98 | JP | | | Abstract only |
| OTHER DOCUMENTS | | | | | | |
| | | | | | | |
| EXAMINER <div style="font-size: 1.5em; font-family: cursive;">KWon</div> | | | DATE CONSIDERED <div style="font-size: 1.5em; font-family: cursive;">10/29/2004</div> | | | |

| | | | | | | |
|---|--------------------------|--|----------------------------------|----------------|--------------|-------------------------|
| FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION | | DOCKET NUMBER FGT 3G6DIV2 | APPLICATION NUMBER 10/798,759 | | | |
| | | APPLICANT(S) John D. Russell and Brian D. Rutkowski | | | | |
| | | FILING DATE March 11, 2004 | | GROUP ART UNIT | | |
| U.S. PATENT DOCUMENTS | | | | | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FIL. DATE IF APPROP. |
| OK | 5,964,201 | 10-12-99 | Dickers et al | / | / | |
| | 5,967,114 | 10-19-99 | Yasuoka | | | |
| | 6,000,375 | 12-14-99 | Isobe | | | |
| | 6,006,724 | 12-28-99 | Takahashi et al | | | |
| | 6,006,725 | 12-28-99 | Stefanopoulou et al | | | |
| | 6,009,851 | 1-4-00 | Iida et al | | | |
| | 6,024,069 | 2-15-00 | Yoshino | | | |
| | 6,039,026 | 3-21-00 | Shiraishi et al | | | |
| | 6,055,476 | 4-25-00 | Yoshino | | | |
| | 6,058,906 | 5-9-00 | Yoshino | | | |
| OK | 6,070,567 | 6-6-00 | Kakizaki et al | | | |
| | FOREIGN PATENT DOCUMENTS | | | | | |
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION YES NO |
| OK | 1162643 | 3-5-99 | JP | / | / | X |
| | 19847851 | 4-22-99 | JP | | | Abstract only |
| | 11270368 | 5-10-99 | JP | | | Abstract only |
| | 9947800 | 9-23-99 | WO | | | Abstract only |
| OK | 2338085 | 12-8-99 | GB | | | |
| | 0990775 | 4-5-00 | EP | | | |
| OTHER DOCUMENTS | | | | | | |
| | | | | | | |
| EXAMINER | | | DATE CONSIDERED | | | |
| KWON | | | 10/29/2004 | | | |

The PTO did not receive the fo
 listed items(s) 19847851

| | | | | |
|---|--|--|----------------------------------|--|
| FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION | | DOCKET NUMBER FGT 3G6DIV2 | APPLICATION NUMBER 10/798,759 | |
| | | APPLICANT(S) John D. Russell and Brian D. Rutkowski | | |
| | | FILING DATE March 11, 2004 | GROUP ART UNIT | |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|--------------------|----------|-----------------|-------|--------------|-------------------------|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FIL. DATE IF APPROP. |
| OK | 6,095,117 | 8-1-00 | Minowa et al | / | / | |
| | 6,101,993 | 8-15-00 | Lewis et al | | | |
| | 6,148,791 | 11-21-00 | Fujieda et al | | | |
| | 6,170,475 | 1-9-01 | Lewis et al | | | |
| | 6,178,371 | 1-23-01 | Light et al | | | |
| | 6,182,636 | 2-6-01 | Russell et al | | | |
| OK | 6,196,173 | 3-6-01 | Takahashi et al | | | |
| | 2001/0003329 | 6-14-01 | Sugaya et al | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|--------------------|---------|---------|-------|--------------|----------------------------|--|
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION YES NO | |
| OK | 1020625 | 7-19-00 | EP | / | / | | |
| | 1065349 | 1-3-01 | EP | | | | |
| OK | 1074716 | 2-7-01 | EP | | | | |
| | 1136685 | 9-26-01 | EP | | | | |
| | | | | | | | |
| | | | | | | | |

| OTHER DOCUMENTS | |
|-----------------|--|
| | |

| | |
|---|--|
| EXAMINER <div style="font-size: 1.5em; font-family: cursive;">Kwon</div> | DATE CONSIDERED <div style="font-size: 1.5em; font-family: cursive;">10/29/2004</div> |
|---|--|